



HEPA-FILTER

GLASSFIBRE V BANK-METAL (HGV-M)

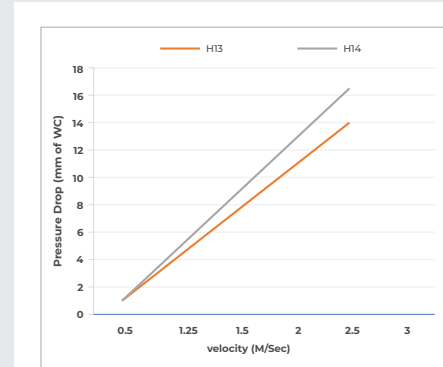
Grade: H13 & H14

EN-1822-2012/ IEST-RP-CC001.3

Our HEPA Filters are manufactured from high-strength metal casings. These efficient filters are V-shape and built on a new generation high efficiency. The mini-pleated microfine glass fiber media with hotmelt separators ensure that the filters have high filtration efficiency. The filter's shape and construct make it the best alternative to other types of filters of the same grade. Easy to install and light in weight, these filters are the best replacement to conventional filters where laminarity to airflow is not required. The filters come in standard depths of 12" with H13 & H14 filtration grades.

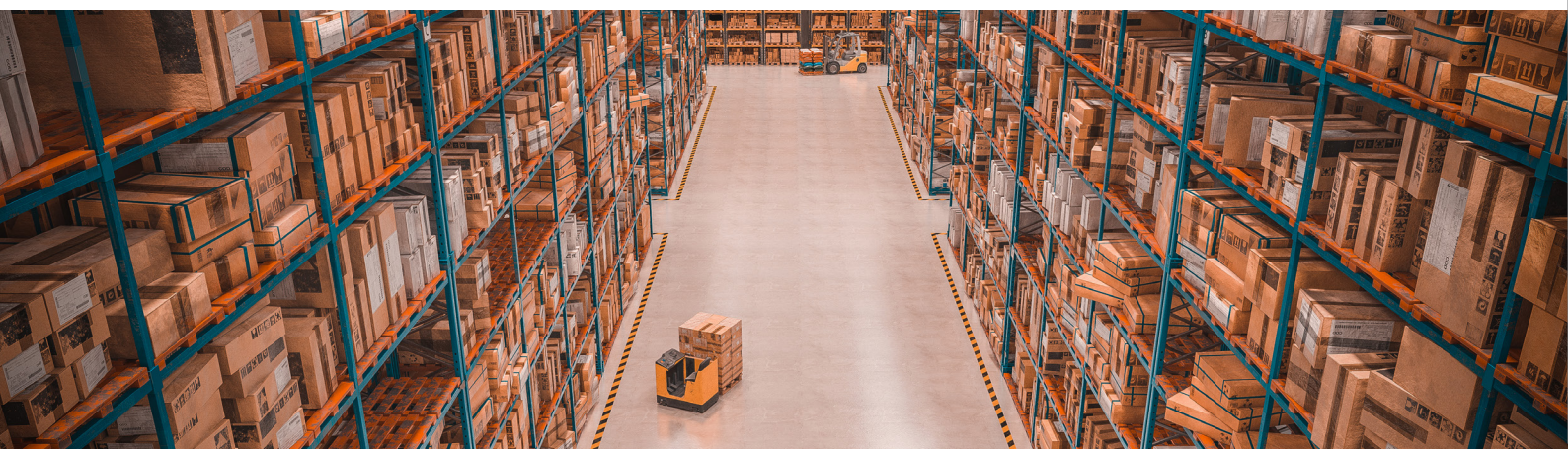
Filter Features

- The HGV-M series are Mini pleated filters made from continuous length superior quality micro fine glass fibre media in ridged V shape Metal frames.
- Mainly used in highly regulated air quality industries and facilities as operation rooms, clean rooms and sensitive manufacturing processes with a demand of Very high burst resistance, high velocities and extreme operating conditions like Gas turbine air intake fine filtration etc.
- Highly resistant to fire and moisture, available in grades H13 & H14.
- Compact and light weight design.
- Larger surface area and low initial resistance makes it an Ideal alternative to ordinary Bag filters & Box type filters of the similar efficiencies.
- Each individual filter is tested for its particulate filtering efficiency as per EN-1822-2012/ IEST-RP-CC001.3.
- Test certificate is provided for each filter.
- HGV-M series are available in various grades, sizes & installation options to fit almost any customer requirement.



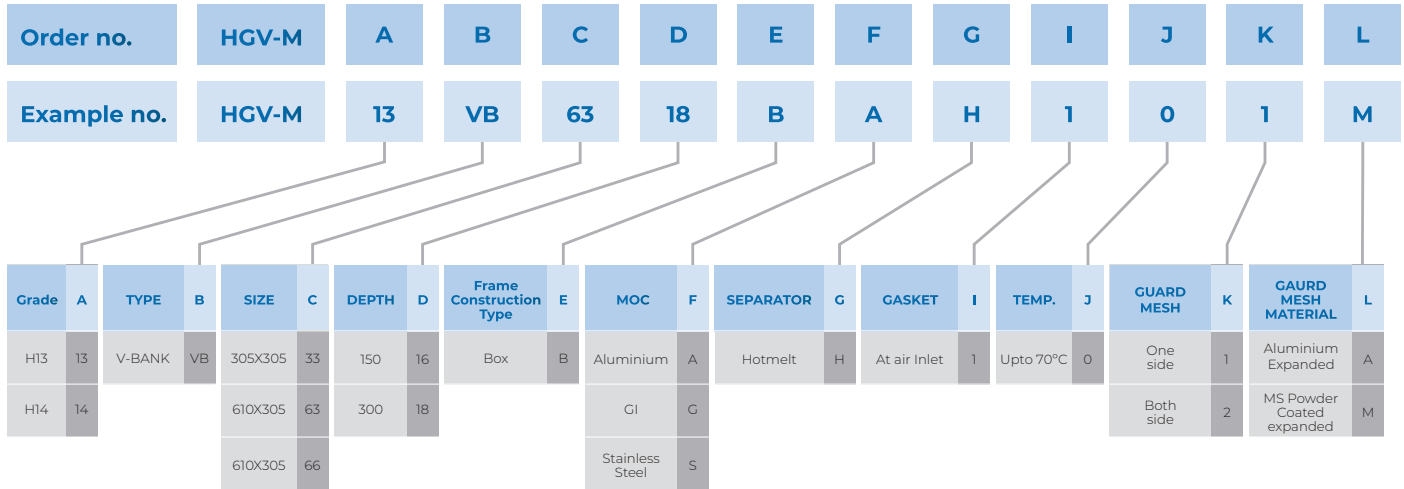
Technical Specifications

Filters Grade	EN1822 Class: H13, H14 @0.3µm
Type	V-Bank Minipleat Compact Filter
Frame	Aluminium/Galvanized iron/Stainless steel
Frame Construction Type	V-Bank single side flange casing
Media	Micro Fine Glass Fibre
Sealant	Polyurethane
Final Pressure Drop	1000 Pa
Temperature Max	70°C Maximum In Continuous Service
Non-Flammability Class	≤100 % RH
Humidity	F1 (DIN 53438)
Gasket	Neoprene
Separator	Hotmelt
Installation Options	Front And Side Access Filter Housings
Optional Guard Mesh	Aluminium Expanded/MS Powder Coated expanded
Filters Testing In Accordance With	EN-1822-2012/ IEST-RP-CC001.3
Filter Depth available in	150mm, 300mm



Selection Chart

(Order as per model no.)



Filter Class As per EN1822		H13	H14
Initial Efficiency test with MPPS in %		≥99.95%	≥99.995%
Initial Efficiency test with Aerosol Particle size 0.3 microns in %		≥99.95%	≥99.995%
W x L x D (mm)	Rated Face Velocity (m/s)	Rated Air Flow (CMH)	Initial Pressure Drop (Mm Of Wc) @ Rated Air Flow
305 x 305 x 300	2.5	1000	14.0
610 x 305 x 300	2.5	1700	14.0
610 x 610 x 300	2.5	3400	14.0

For any customized filter, please contact us.

Applications:



PHARMA
INDUSTRY



FOOD
PROCESSING
UNIT



GAS
TURBINE



OPERATION
ROOM



POWER
PLANT

NIKHTISH ENGINEERING PVT LIMITED

Founded in 2008, is India's leading manufacturer and distributor of CBRNE Filtration Systems, Air Filters & Clean Room Validation Services. We cater to industries, namely, Pharmaceutical, Automotive, Hospitality, Dairy, Food & Beverage, Biotech, Defence, and Nuclear power plants.

An equal opportunity employer Nikhtish focuses on consistent innovation & development, especially CBRNE (Chemical, Biological, Radioactive Nuclear & Explosives) air filtration systems, and filters while ensuring quality. The manufacturing facility has been ISO 9001 compliant since 2012, and the products are tested by Standards Institute of Israel continuously in their state-of-the-art facility around the year as part of quality assurance.

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